

The Commonwealth of Massachusetts Department of State Police 305 South Street, Jamaica Plain, MA 02130 617-983-6622

TIMOTHY P. MURRAY
LIEUTENANT GOVERNOR

MARY ELIZABETH HEFFERNAN
SECRETARY

COLONEL TIMOTHY P. ALBEN SUPERINTENDENT

08/27/12

Justyna Miller Assistant District Attorney, Suffolk County

Ms. Miller,

Enclosed is the information you requested. Included are copies of the following:

- 1. Drug Analysis Laboratory Receipt.
- 2. Analysis sheets with chemist's hand notations and test results for samples

GC/MS analytical data for sample #'s

If you have any questions about these materials, please call me at the number below.

Kate Corbett

Sincerely,

Chemist II

Drug Analysis Lab (617) 983-6632

	CC #		
ESSO DE CARTMENT	воок# 65		
DRUG RECEIPT	PAGE #84	The second control of	
	DESTRUCTION #		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
District/Unit A-1 &Cu			
	DWALL	ID# 100k	- O
•			
DEFENDANT'S NAME	ADDRESS	CITY	STATE
		Comembre	Id A.
		325.01	MF.
		Lowell	列台.
		LAB US	SE ONLY
DESCRIPTION OF ITEMS SUBMITTED	GROSS QUANTITY	GROSS WEIGHT	ANALYSIS NUMBER
SURGENE	16 Tautias	7,680	
いんできると	1 1/2 728/00	2. Olen	
Chonopia	17 YEllow TAG	4,33	
Claurala	10 yellow TABI	3,37	
ZENAX	4 yellow BAR	2,46a	
ZANAX	1 WHITE BAK	1,690	-
ZANAX	2 Rlue Taghar	1. Mg	
PERMICET	2 WIFITE TABLET	1,1090	i
Clonidine	The WHATE TARREST	3,450	
To be completed by ECU personnel only		^	
Name and Rank of Submitting Officer	n /5	ID#	
Received by) //	Date	9-14-11
		ECU Control #	

Department of State Police Crime Laboratory Jamaica Plain Drug Analysis Laboratory

Drug Analysis Form Agency: Sample # Evidence Wt. No. of Samples Tested:_ Physical Description: **Balance Check** Date: Model: Gross Wt. (S/N:___ Gross Wt. (GC/MS Aliquot: **Preliminary Tests:** Cobalt (Additional Tests Marquis Froehde's Mecke's Gold Chloride TLTA (Marijuana Testing **Confirmatory Results** Macroscopic Results: <u>Pupple MYOUA</u> Microscopic Date: 8 Duquenois GC/MS Sequence: G.C.

DRUG NAME: SUBOXONE TABLET

INGREDIENTS: BUPRENORPHINE -- 8 MG

NALOXONE -- 2 MG

Color: orange

Shape: Six-sided

Imprint: N8 Sword Logo
Form: Sublingual Tablet

Available-Container-Size: Bottle of 30

AAPCC Code: 200625 -

Buprenorphine

NDC: 12496-1306-02

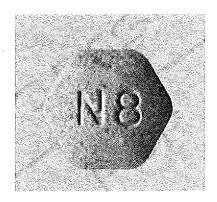
Regulatory Status: Schedule III

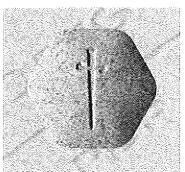
Availability: United States

Product ID 6370996

Contact: Reckitt Benckiser

Pharmaceuticals

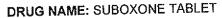




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Department of State Police Crime Laboratory Jamaica Plain Drug Analysis Laboratory Drug Analysis Form

Sample # :	Agency: BOSTON Analyst: KHC
No. of Samples Tested:	Evidence Wt.
Physical Description:	
1/2 Gra	nge fablets
(80)	
Date: 7 31 1	Balance Check
Gross Wt. ()	Model:
Gross Wt. () Pkg Wt.	S/N:
Not 0.62329	
GC/MS Aliquot: 0.232/q	· · · · · · · · · · · · · · · · · · ·
· /	
Preliminary Tests: Cobalt ()	
Marquis	 Additional Tests
Froehde's	
Mecke's	Micromedeket (er
Gold Chloride	Punyenow Thing
TLTA ()	— Provide
Marijuana Testing	
Macroscopic	Confirmatory Results
Microscopic	Results: BUDKENOR DWM
Duquenois	Date: 8212
G.C.	GC/MS Sequence: H080112-5



INGREDIENTS: BUPRENORPHINE -- 8 MG

NALOXONE -- 2 MG

Color: orange Shape: Six-sided

Imprint: N8 Sword Logo Form: Sublingual Tablet

Available-Container-Size: Bottle of 30

AAPCC Code: 200625 -

Buprenorphine

NDC: 12496-1306-02

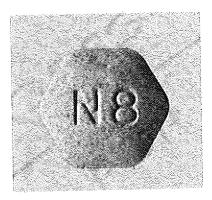
Regulatory Status: Schedule III

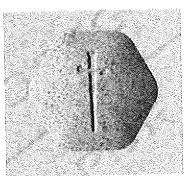
Availability: United States

Product ID 6370996

Contact: Reckitt Benckiser

Pharmaceuticals





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Department of State Police Crime Laboratory Jamaica Plain Drug Analysis Laboratory Drug Analysis Form

Agency: BOST7M Analyst: Sample # Evidence Wt. No. of Samples Tested:_ Physical Description: round light yellow tablets **Balance Check** Date: Model: Gross Wt. (Gross Wt. (Pkg Wt. GC/MS Aliquot: **Preliminary Tests:** Cobalt (**Additional Tests** Marquis Froehde's Mecke's Gold Chloride TLTA (Marijuana Testing Confirmatory Results Macroscopic Results: Microscopic Date: Duquenois GC/MS Sequence: G.C.



INGREDIENTS: CLONAZEPAM -- 0.5 MG

Color: Light Yellow

Shape: Circle

Imprint: E 63 The tablet is imprinted with E over 63 on one side and bisected

on the other.

Form: Oral Tablet

Available-Container-Size: Bottle of 100, Bottle of 500, Bottle of 1000

AAPCC Code: 007000 -

Benzodiazepines

NDC: 00185-0063-01 00185-0063-05 00185-0063-10

Excipients: Lactose

(Anhydrous); Starch, Corn; Magnesium

Stearate; Cellulose,

Microcrystalline; D&C Yellow No. 10

Aluminum Lake

Regulatory Status: Schedule IV

Availability: United States

Product ID 5651001

Contact: Sandoz

Department of State Police Crime Laboratory Jamaica Plain Drug Analysis Laboratory Drug Analysis Form

Analyst: Agency: Sample # Evidence Wt No. of Samples Tested:_ **Physical Description:** light yellow tablets **Balance Check** Date: Model: Gross Wt. (Gross Wt. (Pkg Wt. GC/MS Aliquot: 1 **Preliminary Tests:** Cobalt (Marquis Froehde's Mecke's Gold Chloride TLTA (Marijuana Testing Confirmatory, Results Macroscopic lonazevam Results: Microscopic Date: Duquenois GC/MS Sequence: G.C.



INGREDIENTS: CLONAZEPAM -- 0.5 MG

Color: Light Yellow Shape: Circle

Imprint: E 63 The tablet is imprinted with E over 63 on one side and bisected

on the other.

Form: Oral Tablet

Available-Container-Size: Bottle of 100, Bottle of 500, Bottle of 1000

AAPCC Code: 007000 -

Benzodiazepines

NDC: 00185-0063-01 00185-0063-05 00185-0063-10

Excipients: Lactose

(Anhydrous); Starch, Corn; Magnesium

Stearate; Cellulose,

Microcrystalline; D&C Yellow No. 10

Aluminum Lake

Regulatory Status: Schedule IV

Availability: United States

Product ID 5651001

Contact: Sandoz

Department of State Police Crime Laboratory Jamaica Plain Drug Analysis Laboratory Drug Analysis Form

Sample #	Agency:	Boshn	Analyst: KAC	*******
No. of Samples Tested:			Evidence Wt	
Physical Description:				
H yellow	table	ets		
RTOT	39			
Date: 7 31 12 Gross Wt. ()		Balance Check Model: S/N:		
Pkg Wt. 1.0453 GC/MS Aliquot:	9			
Preliminary Tests: Cobalt ()		Additional Tests Microw Alproz	edex (t) for	
Marijuana Testing Macroscopic Microscopic Duquenois G.C.		Confirmatory Results: AIDYU7 Date: 7 31 12 GC/MS Sequence:	<u> Polam Class E</u>	



DRUG NAME: ALPRAZOLAM

INGREDIENTS: ALPRAZOLAM -- 2 MG

Color: Yellow Shape: Rectangle

Imprint: R 039 The logo in this imprint may be interpreted as a "P" or an "R" , P 039 The logo in this imprint may be interpreted as a "P" or an "R"

Form: Oral Tablet

Available-Container-Size: Bottle of 500 , Bottle of 100 , Box of 100

AAPCC Code: 007000 - Benzodiazepines

NDC: 0228-2039-50 0228-2039-10 0904-5861-61

UPC: 09045-86161

Excipients: Silicon Dioxide, Colloidal; Starch, Corn; Docusate Sodium; Lactose

(Hydrous); Magnesium Stearate; Cellulose, Microcrystalline; Sodium Benzoate; D&C Yellow No. 10

Aluminum Lake

Regulatory Status: Schedule IV

Availability: United States

Product ID 5279553

Contact: Actavis Elizabeth

Department of State Police Crime Laboratory Jamaica Plain Drug Analysis Laboratory Drug Analysis Form

Sample #	Agency: Boston	Analyst:KAC
No. of Samples Tested:		Evidence Wt.
Physical Description:		
1 white t	ablet	
209	0) [~	
Date: 7 31 12 Gross Wt. () Gross Wt. () Pkg Wt. 7 Net Wt. 6 2 6 8 9 GC/MS Aliquot: 9	Balance Check Model: S/N:	
Preliminary Tests: Cobalt () Marquis Froehde's Mecke's Gold Chloride TLTA ()	Additional Tests Microweld Alprazola	ex D for
Marijuana Testing Macroscopic Microscopic Duquenois G.C.	Confirmatory Results Results: 100070 Date: 73117 GC/MS Sequence:	olam Class E



DRUG NAME: ALPRAZOLAM

INGREDIENTS: ALPRAZOLAM -- 2 MG

Color: White Shape: Oblong

Imprint: 2090 The tablet is multiscored and debossed with 2090 on one side and V on the reverse side. , $\,\mathrm{V}$

Form: Oral Tablet

Available-Container-Size: Bottle of 10, Bottle of 100, Bottle of 500, Bottle

of 1000

AAPCC Code: 007000 -

Benzodiazepines

NDC: 0603-2130-21 0603-2130-28

UPC: 06032-13021 06032-13028

Exclpients: Magnesium Stearate; Cellulose, Microcrystalline; Sodium Benzoate; Sodium Starch Glycolate; Silicon Dioxide,

Colloidal; Docusate Sodium; Lactose

(Monohydrate)

Regulatory Status: Schedule IV

Availability: United States

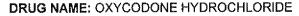
Product ID 6987444

Contact: Qualitest Pharmaceuticals

Department of State Police Crime Laboratory Jamaica Plain Drug Analysis Laboratory

Drug Analysis Form Analyst: KA Agency: POSt Sample # Evidence Wt._Ok No. of Samples Tested:_ **Physical Description:** 2 wound white tablets **Balance Check** Date: Model: Gross Wt. (S/N:____ Gross Wt. (Pkg_Wt. Net WEST GC/MS Aliquot: **Preliminary Tests:** Cobalt (**Additional Tests** Marquis Micromedex (t) Oxycodone Froehde's Mecke's Gold Chloride TLTA (Marijuana Testing Confirmatory Results Macroscopic Results: Microscopic Date: Duquenois GC/MS Seguence:

G.C.



INGREDIENTS: OXYCODONE HYDROCHLORIDE -- 5 MG

Color: White Shape: Circle

Imprint: M The M is contained in a box., M0552 The M is contained in a box., 0552 The imprint 0552 is separated by a score mark., M 0552 The imprint 0552 is separated by a score mark., M 0552 The imprint 0552 is separated by a score mark.

Form: Oral Tablet

Available-Container-Size: Bottle of 100, Package of 5 - 30 count cards, Ten 2 x 5 Blister Cards

AAPCC Code: 037705 - Oxycodone Alone or in Combination (Excluding

Combination Products with

Acetaminophen or Acetylsalicylic Acid)

NDC: 00406-0552-01 00406-0552-32 00406-0552-62

Regulatory Status: Schedule II
Availability: United States

Product ID 6724458

Contact: Mallinckrodt

Department of State Police Crime Laboratory Jamaica Plain Drug Analysis Laboratory

Drug Analysis Form Analyst: Sample # Evidence Wt. No. of Samples Tested:_ Physical Description: 2 round blue tablets **Balance Check** Date: Model: Gross Wt. (Gross Wt. (Pkg Wt. Ner WAT GC/MS Aliquot: **Preliminary Tests:** Cobalt (Additional Tests Marquis Micromedex D for Alprazolam Froehde's Mecke's Gold Chloride TLTA (Marijuana Testing **Confirmatory Results** Macroscopic Results: HIprazolam Class E Microscopic

Date:___

GC/MS Sequence:

Duquenois

G.C.



INGREDIENTS: ALPRAZOLAM -- 1 MG

Color: Blue Shape: Circle

Imprint: MYLAN A1 The tablet is debossed with MYLAN over A1 on one side of the tablet and scored on the

other side.

Form: Oral Tablet

Available-Container-Size: Bottle of 90, Strip of 100, Strip of 1, Bottle of

100 Bottle of 500

AAPCC Code: 007000 -Benzodiazepines

NDC: 0378-4005-77

51079-790-20 51079-790-01 0378-4005-01

51079-790-21 0378-4005-05

Excipients: Sodium Lauryl Sulfate; FD&C Blue No. 2; Silicon Dioxide, Colloidal; Croscarmellose Sodium; Docusate Sodium; Lactose

(Monohydrate); Magnesium Stearate; Microcrystalline Cellulose; Sodium Benzoate

Regulatory Status: Schedule IV

Availability: United States

Product ID 5325984

Contact: Mylan Pharmaceuticals

Department of State Police Crime Laboratory Jamaica Plain Drug Analysis Laboratory Drug Analysis Form

Analyst: Sample # Evidence Wt. No. of Samples Tested:__ Physical Description: a round white tablets **Balance Check** Date: Model: Gross Wt. (Gross Wt. (Pkg Wt. Right GC/MS Aliquot: **Preliminary Tests:** Cobalt (Additional Tests Marquis Micromedex (1)-Froehde's Mecke's Clonidine Gold Chloride TLTA (Marijuana Testing **Confirmatory Results** Macroscopic Results: Clonidine Classe Microscopic Date: 7/3/1/2 Duquenois GC/MS Sequence:____ G.C.



DRUG NAME: CLONIDINE HYDROCHLORIDE

INGREDIENTS: CLONIDINE HYDROCHLORIDE -- 0.2 MG

Color: White Shape: Circle

Imprint: MYLAN 186

Form: Oral Tablet

Available-Container-Size: Strip of 1, Strip of 100, Strip of 25, Bottle of 100, Bottle of 1000, Package of 30, Strip of 300, Strip of 90, Strip of 30

AAPCC Code: 201081 - Clonidine

NDC: 51079-0300-19

00378-0186-01 00378-0186-10 51079-0300-63 51079-0300-01 51079-0300-66 51079-0300-66

51079-0300-17 51079-0300-20

Excipients: Sodium Lauryl

Sulfate; Ammonium Chloride; Silicon Dioxide, Colloidal; Croscarmellose Sodium (Type A); Magnesium Stearate; Cellulose, Microcrystalline

Regulatory Status: RX Availability: United States

Product ID 5150141

Contact: Mylan Pharmaceuticals







DRUG NAME: CLONIDINE HYDROCHLORIDE

INGREDIENTS: CLONIDINE HYDROCHLORIDE - 0.2 MG

Color: White Shape: Circle

Imprint: MP 658

Form: Oral Tablet

Available-Container-Size: Bottle of

100, Bottle of 1000

AAPCC Code: 201081 - Clonidine

NDC: 53489-216-01

53489-216-10

Excipients: Cellulose, Microcrystalline; Starch, Pregelatinized; Sodium Starch Glycolate; Lactose; Magnesium

Stearate

Regulatory Status: RX

Availability: United States

Product ID 6714954

Contact: Mutual Pharmaceutical

: D:\SYSTEM8\08_01_12\838735.d File Name

Operator

1 Aug 2012 Date Acquired 20:26

Sample Name

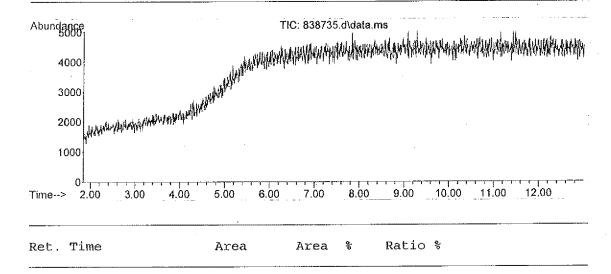
BLANK Submitted by

Vial Number

AcquisitionMeth: DRUGS.M

Integrator

: RTE



File Name : D:\SYSTEM8\08_01_12\838736.d

Operator

1 Aug 2012 20:41

Date Acquired Sample Name

: OXYCODONE STD

Submitted by

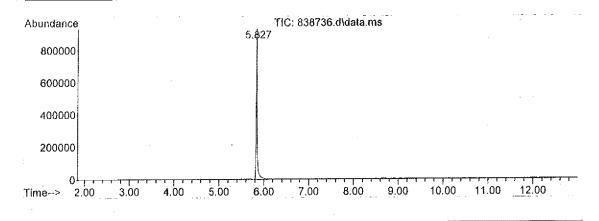
Vial Number

AcquisitionMeth: DRUGS.M

36

Integrator

: RTE



Ret. Time	Area	Area %	Ratio %
5.827	1439685		100.00

File Name

: D:\SYSTEM8\08 01 12\838736.d

Operator

Date Acquired

1 Aug 2012 20:41

Sample Name

OXYCODONE STD

Submitted by

Vial Number AcquisitionMeth: DRUGS.M

36

Integrator

1

: RTE

Search Libraries:

C:\Database\SLI.L

C:\Database\NIST08.L

C:\Database\PMW_TOX2.L

Minimum Quality: 80

Minimum Quality: 80

PK# RT Library/ID

CAS# Qual

5.83 C:\Database\NIST08.L

0xycodone 0xycodone Oxycodone

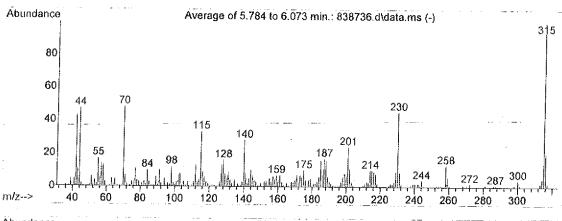
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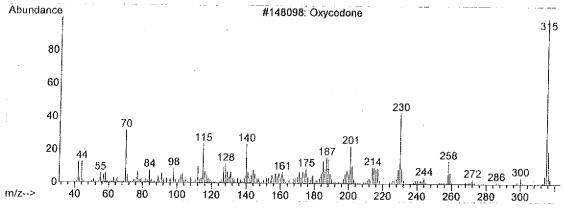
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000076-42-6

99

99





: D:\SYSTEM8\08_01_12\838737.d File Name

Operator

1 Aug 2012 20:56

Date Acquired Sample Name

: BLANK

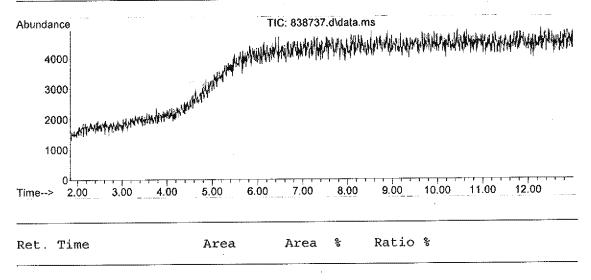
Submitted by

Vial Number

AcquisitionMeth: DRUGS.M

Integrator

: RTE

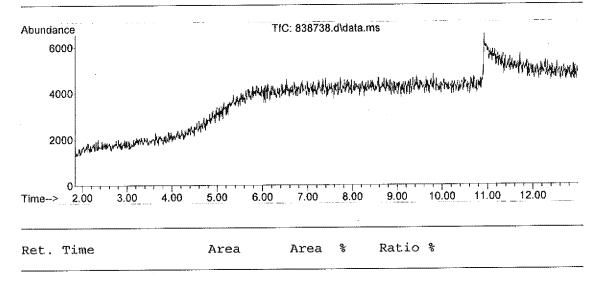


File Name : D:\SYSTEM8\08_01_12\838738.d

Operator

Date Acquired : 1 Aug 2012 21:12

Sample Name : BLANK
Submitted by : KAC
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE



: D:\SYSTEM8\08_01_12\838739.d File Name

Operator

1 Aug 2012 21:27

Date Acquired Sample Name Submitted by

KAC 39

Vial Number AcquisitionMeth: DRUGS.M Integrator

2.00

: RTE

4.00

3.00

5.00

6.00

TIC: 838739.d\data.ms Abundance 5.827 600000 400000 200000

Ret. Time	Area	Area %	Ratio %
5.827	1112457	100.00	100.00

7.00

00.8

9.00

10.00

11.00 12.00

: D:\SYSTEM8\08_01_12\838739.d File Name

Operator

Date Acquired 1 Aug 2012 21:27

Sample Name Submitted by

KAC 39

Vial Number AcquisitionMeth: DRUGS.M Integrator : RTE

C:\Database\SLI.L Search Libraries:

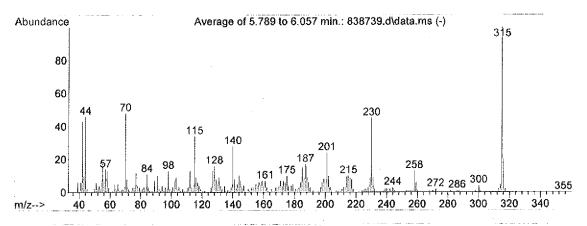
Minimum Quality: 80

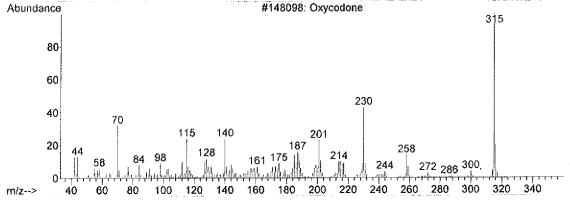
C:\Database\NIST08.L

Minimum Quality: 80

C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	5.83	C:\Database\NIST08.L Oxycodone Oxycodone Oxycodone	000076-42-6 000076-42-6 000076-42-6	99 99 99





File Name : D:\SYSTEM8\08_01_12\838747.d

Operator

Date Acquired : 1 Aug 2012 23:33

Sample Name : BLANK

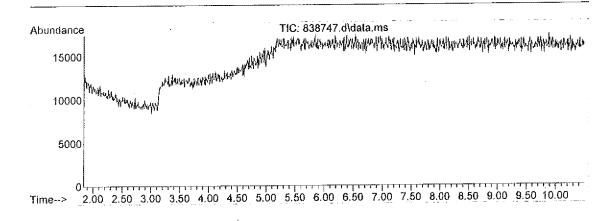
Submitted by

Vial Number : 2

AcquisitionMeth: CLONAZ.M

Integrator

: RTE



Ret. Time

Area

Area

Ratio %

: D:\SYSTEM8\08_01_12\838748.d File Name

Operator

Date Acquired 1 Aug 2012 23:46

Sample Name

: CLONAZEPAM STD

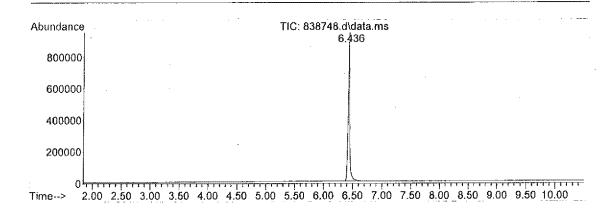
Submitted by

Vial Number

48 AcquisitionMeth: CLONAZ.M

Integrator

: RTE



Ret. Time	Area	Area %	Ratio %
6.436	1791480	100.00	100.00

File Name : D:\SYSTEM8\08_01 12\838748.d

Operator

1 Aug 2012 23:46

Date Acquired Sample Name

CLONAZEPAM STD

Submitted by

Vial Number

48

AcquisitionMeth: CLONAZ,M

Integrator

: RTE

Search Libraries:

C:\Database\SLI.L

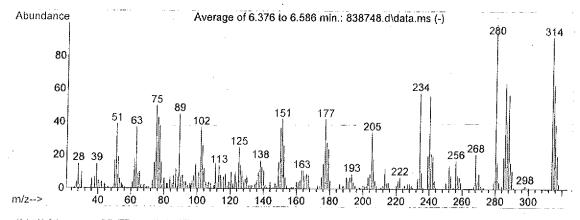
Minimum Quality: 80

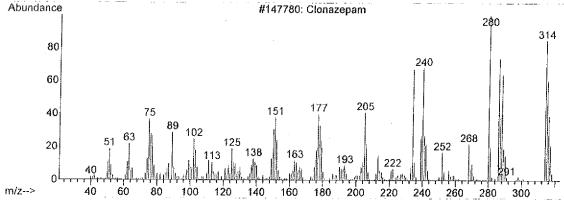
C:\Database\NIST08.L

Minimum Quality: 80

C:\Database\PMW TOX2.L

PK#	K# RT Library/ID		CAS#	Qual
1	6.44	C:\Database\NIST08.L		-
		Clonazepam	001622-61-3	99
		Clonazepam	001622-61-3	99
		Clonazepam	001622-61-3	99





File Name : D:\SYSTEM8\08_01_12\838755.d

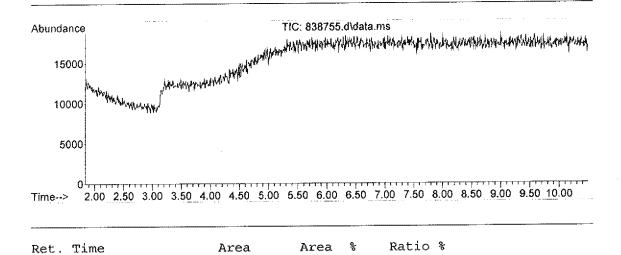
Operator

Date Acquired : 2 Aug 2012 1:21

Sample Name : BLANK Submitted by : KAC Vial Number : 2

AcquisitionMeth: CLONAZ.M

Integrator : RTE



File Name : D:\SYSTEM8\08_01_12\838756.d

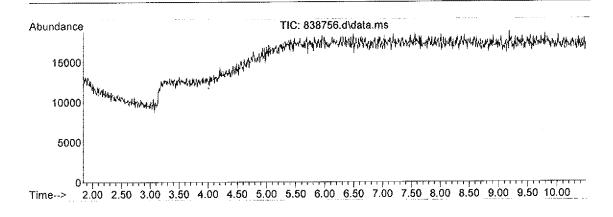
Operator

Date Acquired : 2 Aug 2012 1:34

Sample Name : BLANK : KAC Submitted by Vial Number 2

AcquisitionMeth: CLONAZ.M

: RTE Integrator



Ret. Time

Area

Area %

Ratio %

File Name : D:\SYSTEM8\08_01_12\838757.d

Operator

Date Acquired : 2

2 Aug 2012 1:48

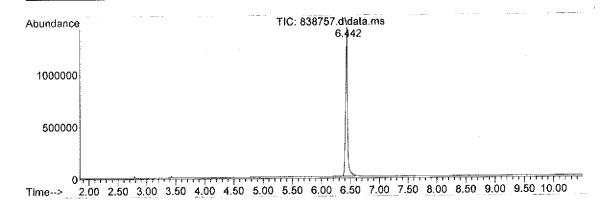
Sample Name

Submitted by : KAC Vial Number : 57

AcquisitionMeth: CLONAZ.M

Integrator

: RTE



Ret. Time	Area	Area %	Ratio %
6.442	3259457	100.00	100.00

: D:\SYSTEM8\08_01_12\838757.d File Name

Operator

1:48 2 Aug 2012 Date Acquired

Sample Name Submitted by Vial Number

57 AcquisitionMeth: CLONAZ.M

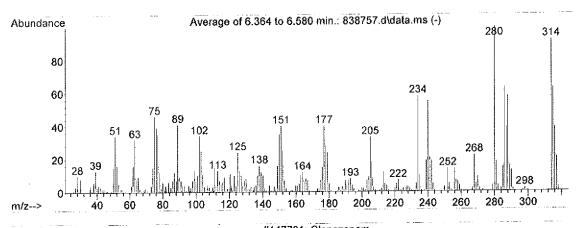
Integrator : RTE

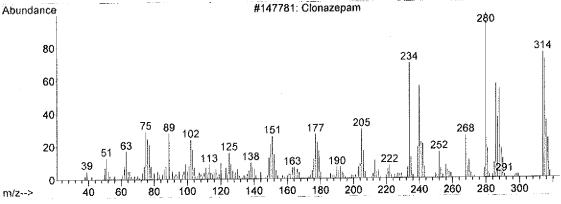
Minimum Quality: 80 C:\Database\SLI.L Search Libraries: Minimum Quality: 80

C:\Database\NIST08.L

C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	6.44	C:\Database\NIST08.L Clonazepam Clonazepam Clonazepam	001622-61-3 001622-61-3 001622-61-3	99 99 99





File Name : D:\SYSTEM8\08_01_12\838758.d

Operator

Date Acquired : 2

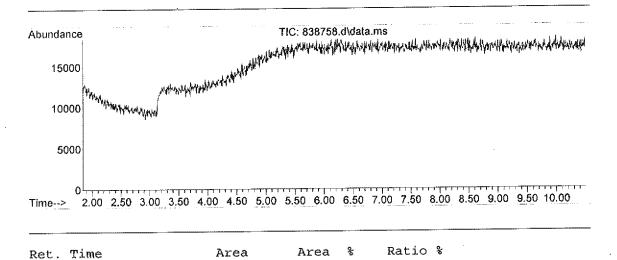
2 Aug 2012 2:01

Sample Name Submitted by : BLANK : KAC

Vial Number : 2 AcquisitionMeth: CLONAZ.M

Integrator

: RTE



File Name : D:\SYSTEM8\08_01_12\838759.d

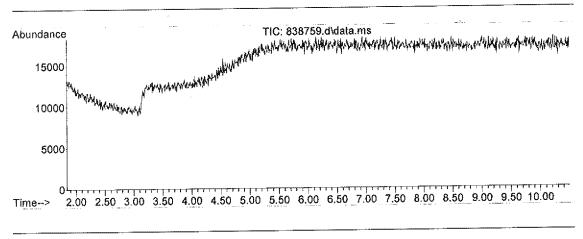
Operator

Date Acquired : 2 Aug 2012 2:15

Sample Name : BLANK Submitted by : KAC Vial Number : 2

AcquisitionMeth: CLONAZ.M

Integrator : RTE



Ret. Time

Area

Area

Ratio %

NO INTEGRATED PEAKS

: D:\SYSTEM8\08_01_12\838760.d File Name

Operator

2 Aug 2012 Date Acquired

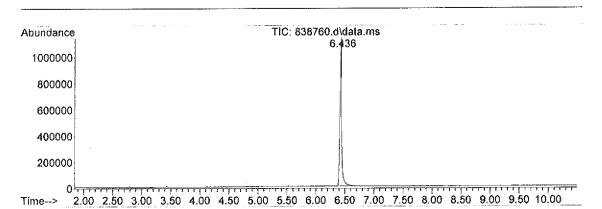
Sample Name

: KAC

Submitted by Vial Number AcquisitionMeth: CLONAZ.M

60

: RTE Integrator



Ret. Time	Area	Area %	Ratio %
6.436	2446247	100.00	100.00

File Name : D:\SYSTEM8\08_01_12\838760.d

Operator

Date Acquired : 2

2 Aug 2012 2:29

Sample Name : Submitted by :

: KAC

Vial Number : 60 AcquisitionMeth: CLONAZ.M

Integrator

; RTE

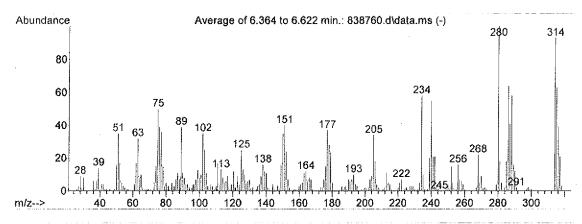
Search Libraries: C:\Database\SLI.L

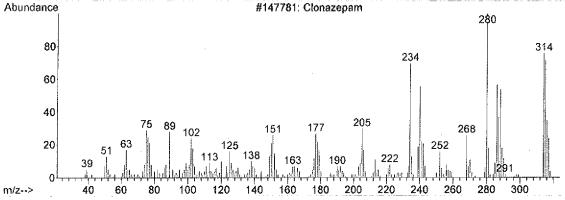
Minimum Quality: 80

C:\Database\NIST08.L

Minimum Quality: 80

PK#	RT	Library/ID	CAS#	Qual
1	6.44	C:\Database\NIST08.L		
		Clonazepam	001622-61-3	99
		Clonazepam	001622-61-3	99
		Clonazepam	001622-61-3	99





File Name

: D:\SYSTEM8\08_01_12\838765.d

3:36

Operator

Date Acquired

2 Aug 2012

Sample Name

: BLANK

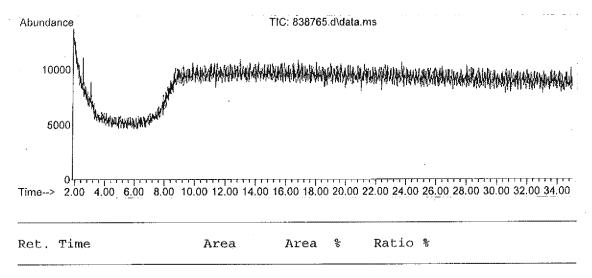
Submitted by

Vial Number

AcquisitionMeth: WSCREEN.M

Integrator

: RTE



NO INTEGRATED PEAKS

File Name

: D:\SYSTEM8\08_01_12\838766.d

Operator

Date Acquired Sample Name

2 Aug 2012 4:14

: BUPRENORPHINE STD

Submitted by

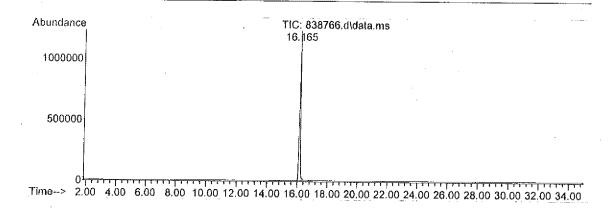
Vial Number

66

AcquisitionMeth: WSCREEN.M

Integrator

: RTE



Ret. Time	Area	Area %	Ratio %	
16.165	5904057	100.00	100.00	

```
Information from Data File:
       File Name
                                                              : D:\SYSTEM8\08 01 12\838766.d
      Operator
      Date Acquired
                                                                        2 Aug 2012
      Sample Name
                                                                    BUPRENORPHINE STD
      Submitted by
      Vial Number
                                                                        66
      AcquisitionMeth: WSCREEN.M
      Integrator
                                                              : RTE
     Search Libraries:
                                                                           C:\Database\SLI.L
                                                                                                                                                                                             Minimum Quality: 80
                                                                           C:\Database\NIST08.L
                                                                                                                                                                                             Minimum Quality: 10
                                                                           C:\Database\PMW TOX2.L
            PK#
                                  RT
                                                                Library/ID
                                                                                                                                                                                                           CAS#
                                                                                                                                                                                                                                                    Qual
                              16.16
                                                           C:\Database\NIST08.L
                                                               6,14-Ethenomorphinan-7-methanol, 17 052485-79-7 6,14-Ethenomorphinan-7-methanol, 17 052485-79-7
                                                                                                                                                                                                                                                       99
                                                                                                                                                                                                                                                       99
                                                               6,14-Ethenomorphinan-7-methanol, 17 052485-79-7
                                                                                                                                                                                                                                                       95
    Abundance
                                                                                  Average of 15.993 to 16.378 min.: 838766.d\data.ms (-)
                      80
                                                                                                                                                                                                          378
                     60
                     40
                    20
                                                                                                                                                                                   336<sup>352</sup>
                                                                        123 141 161 181 198 216 239 256 281
                                                                                                                                                                    306
                                                                                                                                                                                                                                              450467
                                                                  and the transfer to the state of the state o
                               40 60 80 100 120 140 160 180 200 220 240 260 280 300 320 340 360 380 400 420 440 460
  m/z-->
 Abundance#209835: 6,14-Ethenomorphinan-7-methanol, 17-(cyclopropylmethyl)-.alpha.-(1,1-dimethylethyl)-4,5-epoxy-
                   80
                   60
                   40
                  20
                                                                40 60 80 100 120 140 160 180 200 220 240 260 280 300 320 340 360 380 400 420 440 460
m/z-->
```

File Name : D:\SYSTEM8\08_01_12\838767.d

Operator

Date Acquired : 2 Aug 2012 4:52

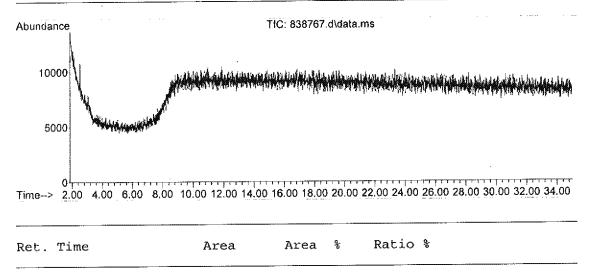
Sample Name : BLANK

Submitted by

Vial Number : 2

AcquisitionMeth: WSCREEN.M

Integrator : RTE



NO INTEGRATED PEAKS

File Name : D:\SYSTEM8\08_01_12\838768.d

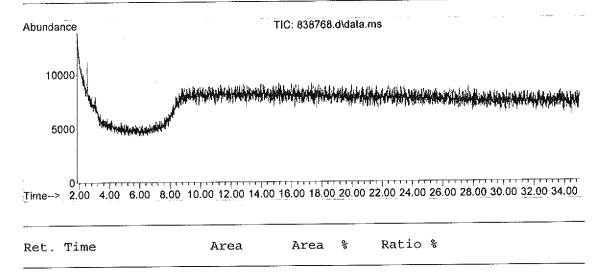
Operator

Date Acquired : 2 Aug 2012 5:31

Sample Name : BLANK Submitted by : KAC Vial Number : 2

AcquisitionMeth: WSCREEN.M

Integrator : RTE



NO INTEGRATED PEAKS

File Name : D:\SYSTEM8\08_01_12\838769.d

Operator

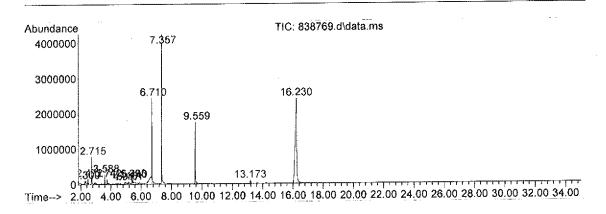
Date Acquired : 2 Aug 2012 6:09

Sample Name
Submitted by

: KAC : 69

Vial Number : 69 AcquisitionMeth: WSCREEN.M

Integrator : RTE



Ret. Time	Area	Area %	Ratio %	
2.300	351227	1.13	2.03	
2.472	252862	0.81	1.46	
2.715	1199316	3.85	6.93	
3.588	250370	0.80	1.45	
3.742	225334	0.72	1.30	
4.917	203443	0.65	1.18	
5.161	110589	0.35	0.64	
5.398	127039	0.41	0.73	
5,440	155970	0.50	0.90	
6.710	2742492	8.79	15.85	
7.357	4954696	15.89	28.64	
9.559	3092492	9.91	17.88	
13.173	226050	0.72	1.31	
16.230	17298377	55.46	100.00	

File Name : D:\SYSTEM8\08_01_12\838769.d

Operator

Date Acquired : 2 Aug 2012 6:09

Sample Name Submitted by Vial Number

: KAC : 69

AcquisitionMeth: WSCREEN.M

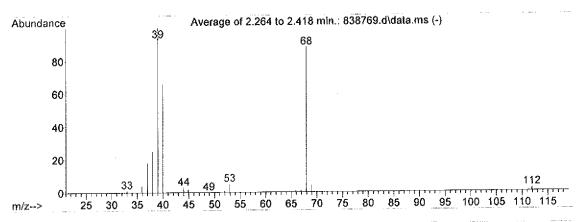
Integrator : RTE

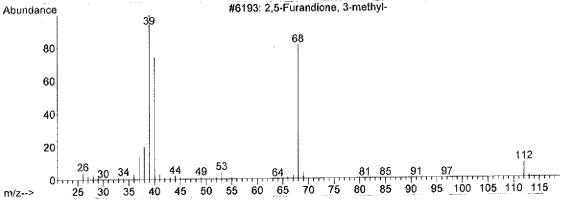
Search Libraries: C:\Database\SLI.L

Minimum Quality: 80 Minimum Quality: 10

C:\Database\NIST08.L C:\Database\PMW_TOX2.L

CAS# Qual PK# RTLibrary/ID C:\Database\NIST08.L 2.30 83 000616-02-4 2,5-Furandione, 3-methyl-000110-00-9 83 Furan 000504-31-4 83 2H-Pyran-2-one





File Name : D:\SYSTEM8\08_01_12\838769.d

Operator

Date Acquired : 2 Aug 2012 6:09

Sample Name Submitted by

KAC 69

Vial Number : 69 AcquisitionMeth: WSCREEN.M

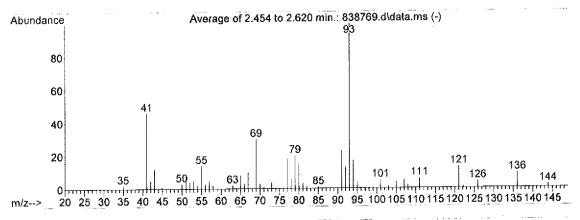
Integrator : RTE

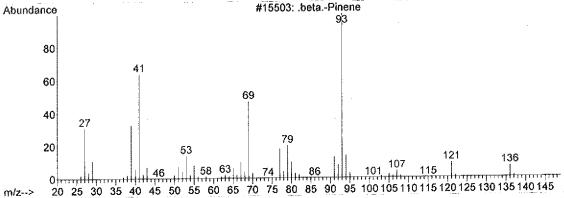
Search Libraries: C:\Database\SLI.L

Minimum Quality: 80 Minimum Quality: 10

C:\Database\NIST08.L

P	K#	RT	Library/ID		CAS#	Qual
-	2	2.47	C:\Database\NIST08.L .betaPinene Bicyclo[3.1.1]heptane, .betaPinene	6,6-dimethyl	000127-91-3 018172-67-3 000127-91-3	90 90 90





File Name : D:\SYSTEM8\08_01_12\838769.d

Operator

2 Aug 2012 6:09

Date Acquired Sample Name Submitted by

: KAC : 69

Vial Number : 69 AcquisitionMeth: WSCREEN.M

Integrator : I

Search Libraries:

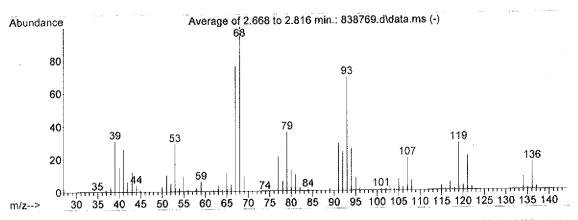
: RTE

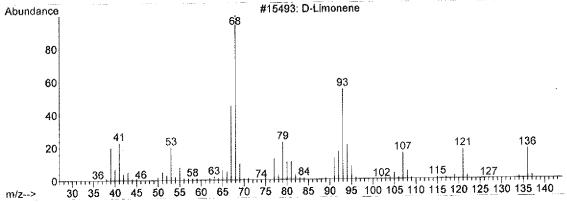
C:\Database\SLI.L

Minimum Quality: 80 Minimum Quality: 10

C:\Database\NIST08.L C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
3	2.72	C:\Database\NIST08.L D-Limonene D-Limonene Limonene	005989-27-5 005989-27-5 000138-86-3	94 93 83





File Name : D:\SYSTEM8\08_01_12\838769.d

Operator

Date Acquired

2 Aug 2012 6:09

Sample Name Submitted by

: KAC : 69

Vial Number : 69 AcquisitionMeth: WSCREEN.M

Integrator : RTE

Search Libraries:

C:\Database\SLI.L

Minimum Quality: 80 Minimum Quality: 10

C:\Database\NIST08.L

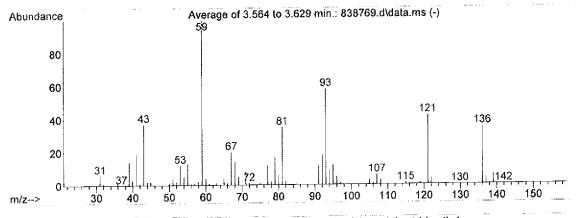
C:\Database\PMW_TOX2.L

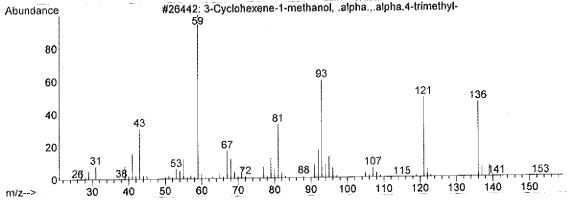
PK# RT Library/ID

CAS# Qual

4 3.59 C:\Database\NIST08.L

3-Cyclohexene-1-methanol, .alpha., .000098-55-5 86 3-Cyclohexene-1-methanol, .alpha., .000098-55-5 86 3-Cyclohexene-1-methanol, .alpha., .000098-55-5 50





: D:\SYSTEM8\08_01_12\838769.d File Name

Operator

2 Aug 2012 6:09 Date Acquired

Sample Name Submitted by

KAC Vial Number 69

AcquisitionMeth: WSCREEN.M

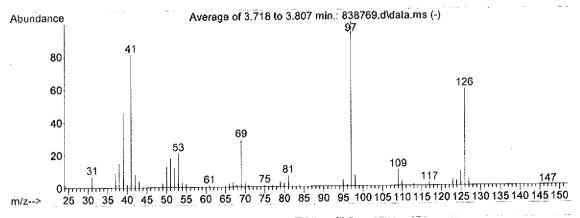
; RTE Integrator

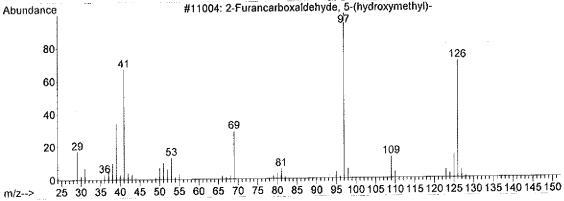
C:\Database\SLI.L Search Libraries:

Minimum Quality: 80 Minimum Quality: 10

C:\Database\NIST08.L

PK#	RT	Library/ID	CAS#	Qual
5	3.74	C:\Database\NISTO8.L 2-Furancarboxaldehyde, 5-(hydroxyme 2-Furancarboxaldehyde, 5-(hydroxyme Benzenemethanol, 3-fluoro-	000067-47-0 000067-47-0 000456-47-3	94 81 47





: D:\SYSTEM8\08_01_12\838769.d File Name

Operator

2 Aug 2012 6:09 Date Acquired

Sample Name Submitted by Vial Number

KAC 69

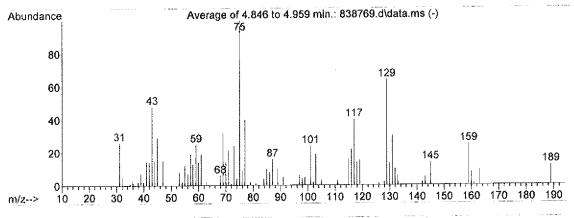
AcquisitionMeth: WSCREEN.M

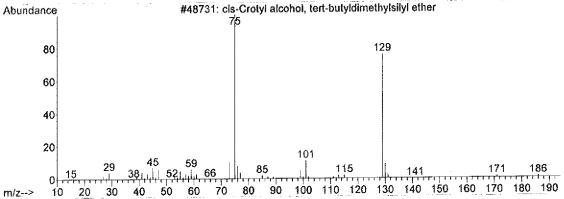
Integrator : RTE

Minimum Quality: 80 C:\Database\SLI.L Search Libraries: Minimum Quality: 10

C:\Database\NIST08.L

]	PK#	RT	Library/ID	CAS#	Qual
	6	4.92	C:\Database\NIST08.L cis-Crotyl alcohol, tert-butyldimet 3-Buten-1-ol, tert-butyldimethylsil 2-Methyl-1-di(tert-butyl)silyloxypr	1000333-02-9	35





File Name : D:\SYSTEM8\08 01 12\838769.d

Operator

Date Acquired : 2 Aug 2012 6:09

Sample Name : Submitted by : KAC

Vial Number : 69 AcquisitionMeth: WSCREEN.M

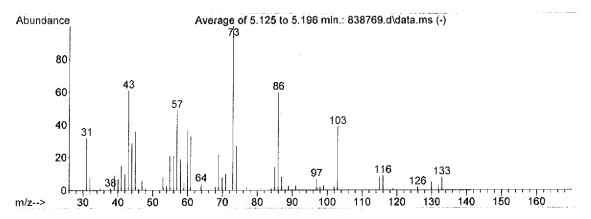
Integrator : RTE

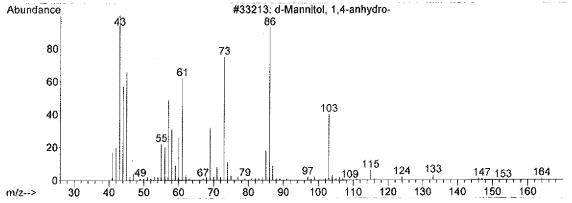
Search Libraries: C:\Database\SLI.L

\SLI.L Minimum Quality: 80 \NIST08.L Minimum Quality: 10

C:\Database\NIST08.L

PK#	RT	Library/ID	CAS#	Qual
7	5.16	C:\Database\NIST08.L d-Mannitol, 1,4-anhydro- d-Mannitol, 1,4-anhydro- 1,4-Anhydro-d-galactitol	007726-97~8 007726-97-8 1000129-01-0	50 50 32





: D:\SYSTEM8\08_01_12\838769.d File Name

Operator

2 Aug 2012 6:09 Date Acquired

Sample Name Submitted by

KAC 69

Vial Number AcquisitionMeth: WSCREEN.M

: RTE Integrator

C:\Database\SLI.L Search Libraries:

Minimum Quality: 80

C:\Database\NIST08.L

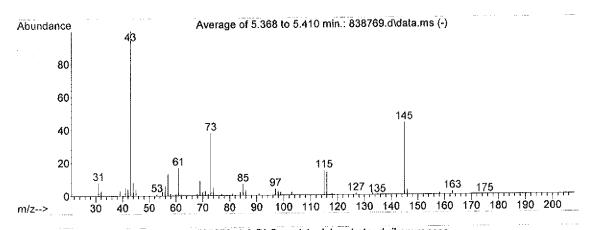
C:\Database\PMW TOX2.L

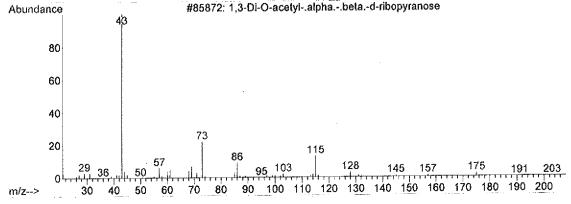
Minimum Quality: 10

43

CAS# Qual Library/ID PK# RTC:\Database\NIST08.L 8 5.40 1,3-Di-O-acetyl-.alpha.-.beta.-d-ri 1000064-01-7

23 001117-55-1 Octanoic acid, hexyl ester 000102-76-1 23 Triacetin





: D:\SYSTEM8\08_01_12\838769.d File Name

Operator

2 Aug 2012 6:09 Date Acquired

Sample Name Submitted by

KAC

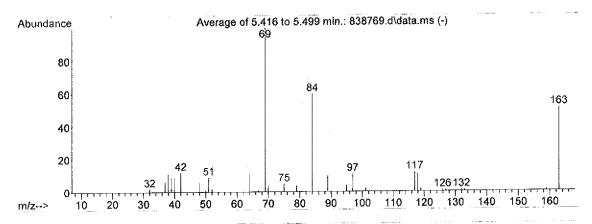
69 Vial Number AcquisitionMeth: WSCREEN.M

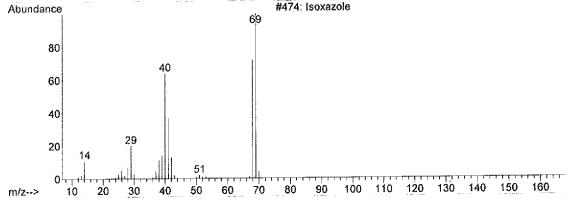
: RTE Integrator

Minimum Quality: 80 C:\Database\SLI.L Search Libraries: Minimum Quality: 10

C:\Database\NIST08.L

PK#	RT	Library/ID	CAS#	Qual
 9	5.44	C:\Database\NIST08.L Isoxazole 2-Azetidinone, 3,3,4,4-tetramethyl-	000288-14-2 013423-22-8 027301-54-8	10 9 9





File Name : D:\SYSTEM8\08_01_12\838769.d

Undecanoic acid

Operator

Date Acquired : 2 Aug 2012 6:09

Sample Name : | Submitted by : Vial Number :

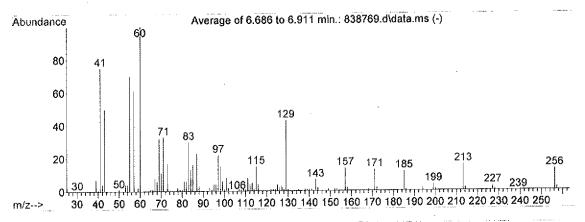
: KAC : 69

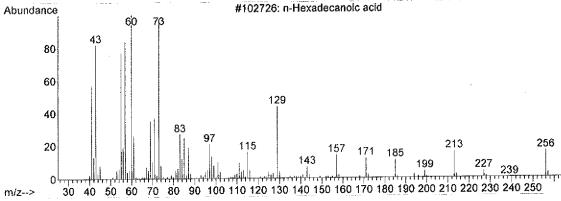
AcquisitionMeth: WSCREEN.M

Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 10

C:\Database\NIST08.L
C:\Database\PMW_TOX2.L





000112-37-8

42

: D:\SYSTEM8\08_01_12\838769.d File Name

Operator

6:09 2 Aug 2012 Date Acquired

Sample Name Submitted by

KAC

69 Vial Number

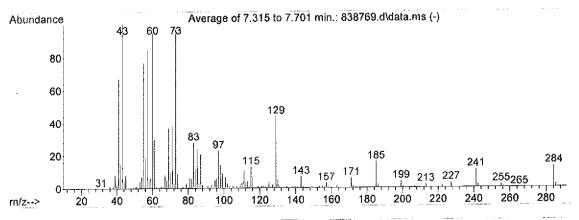
AcquisitionMeth: WSCREEN.M

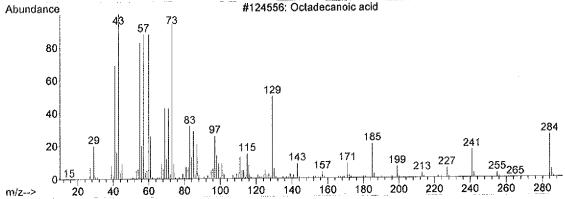
Integrator : RTE

C:\Database\SLI.L Search Libraries:

Minimum Quality: 80 Minimum Quality: 10 C:\Database\NIST08.L

PK#	RT	Library/ID	CAS#	Qual
11	7.36	C:\Database\NIST08.L Octadecanoic acid Octadecanoic acid Octadecanoic acid	000057-11-4 000057-11-4 000057-11-4	99 97 96





File Name : D:\SYSTEM8\08_01_12\838769.d

Operator

Date Acquired : 2 Aug 2012 6:09

Sample Name Submitted by Vial Number

KAC 69

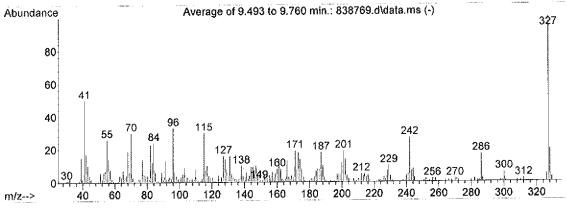
AcquisitionMeth: WSCREEN.M

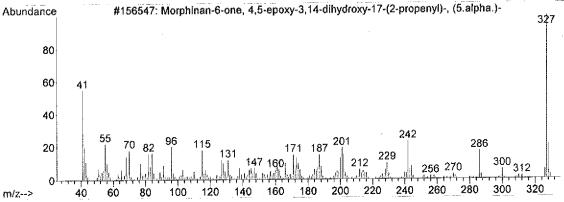
Integrator : RTE

Search Libraries: C:\Database\SLI.L

C:\Database\SLI.L Minimum Quality: 80 C:\Database\NIST08.L Minimum Quality: 10

	PK#	RT	Library/ID		CAS#	Qual
B4-7-	12	9.56	Morphinan-6-one,	8.L 4,5-epoxy-3,14-dih 4,5-epoxy-3,14-dih 4,5-epoxy-3,14-dih	000465-65-6	99 99 95





File Name : D:\SYSTEM8\08_01_12\838769.d

Operator

Date Acquired : 2 Aug 2012 6:09

Sample Name : Submitted by : KAC Vial Number : 69

Vial Number : 69 AcquisitionMeth: WSCREEN.M

Integrator : RTE

Search Libraries: C:\Database\SLI.L

Minimum Quality: 80

C:\Database\NIST08.L

Minimum Quality: 10

C:\Database\PMW_TOX2.L

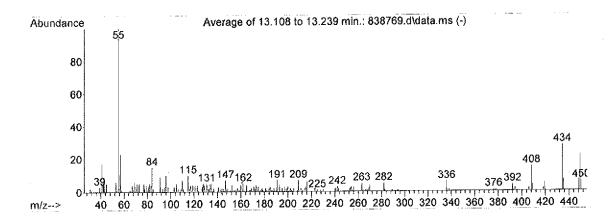
PK# RT I

Library/ID

CAS#

Qual

No Hits Found



File Name : D:\SYSTEM8\08_01_12\838769.d

Operator

Date Acquired : 2 Aug 2012 6:09

Sample Name Submitted by

: KAC

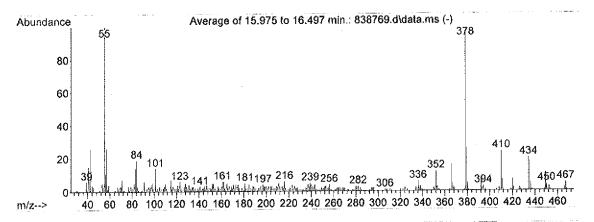
Vial Number : 69 AcquisitionMeth: WSCREEN.M

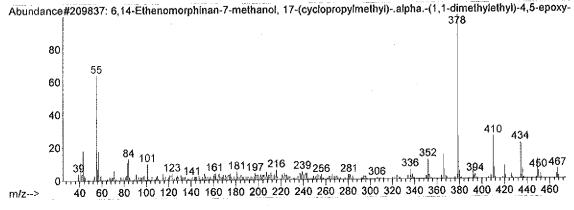
Integrator : RTE

Search Libraries: C:\Database\SLI.L

C:\Database\SLI.L Minimum Quality: 80 C:\Database\NIST08.L Minimum Quality: 10

PK#	RT	Library/ID		CAS#	Qual
14	16.23	C:\Database\NIST08.L 6,14-Ethenomorphinan-7-methanol, 6,14-Ethenomorphinan-7-methanol, 6,14-Ethenomorphinan-7-methanol,	17	052485-79-7	99 99 95





File Name : D:\SYSTEM8\08_01_12\838770.d

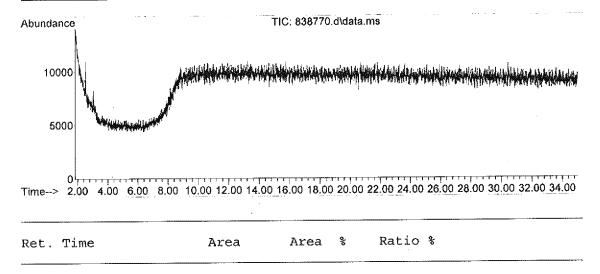
Operator

Date Acquired : 2 Aug 2012 6:47

Sample Name : BLANK Submitted by : KAC Vial Number : 2

AcquisitionMeth: WSCREEN.M

Integrator : RTE



NO INTEGRATED PEAKS

File Name : D:\SYSTEM8\08_01_12\838771.d

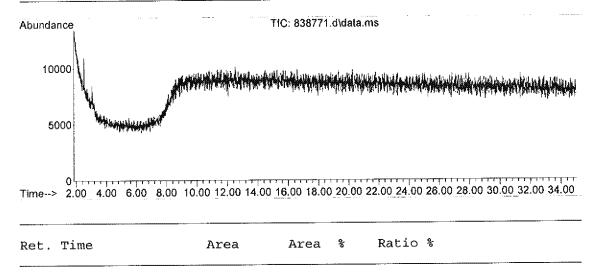
Operator

Date Acquired : 2 Aug 2012 7:25

Sample Name : BLANK Submitted by : KAC Vial Number : 2

AcquisitionMeth: WSCREEN.M

Integrator : RTE



NO INTEGRATED PEAKS

File Name : D:\SYSTEM8\08_01_12\838772.d

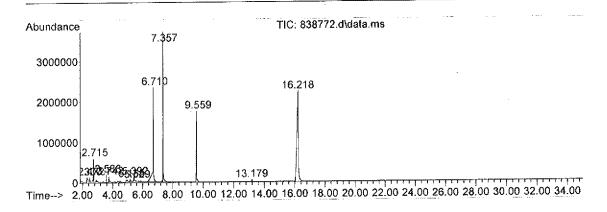
Operator

Date Acquired : 2 Aug 2012 8:03

Sample Name : KAC Submitted by : KAC

Vial Number : 72 AcquisitionMeth: WSCREEN.M

Integrator : RTE



Ret. Time	Area	Area %	Ratio %	
2 200	689799	2.25	4.60	
2.300 2.472	227634	0.74	1.52	
2.715	954024	3.11	6.36	
3.588	172891	0.56	1.15	
3.742	225958	0.74	1.51	
5.155	150033	0.49	1.00	
5.392	152326	0.50	1.01	
5.529	124125	0.40	0.83	
6.710	5374580	17.51	35.80	
7.357	4433890	14.45	29.54	
9.559	3041048	9.91	20.26	
13.179	135523	0.44	0.90	
16.218	15011928	48.91	100.00	

: D:\SYSTEM8\08_01_12\838772.d File Name

Operator

2 Aug 2012 8:03 Date Acquired

72

Sample Name : KAC Submitted by Vial Number

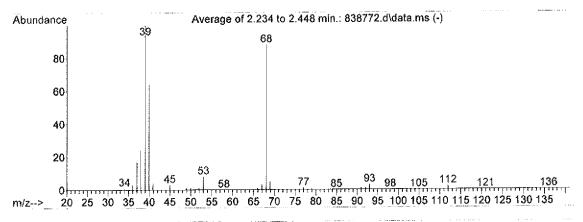
AcquisitionMeth: WSCREEN.M

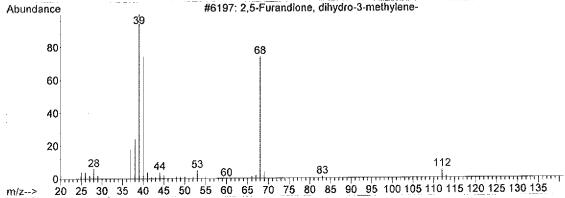
Integrator : RTE

Minimum Quality: 80 Search Libraries: C:\Database\SLI.L Minimum Quality: 10

C:\Database\NIST08.L

PK#	RT	Library/ID		CAS#	Qual
1.	2.30	C:\Database\NIST 2,5-Furandione, 2,5-Furandione, Furan	08.L dihydro-3-methylene dihydro-3-methylene	002170-03-8 002170-03-8 000110-00-9	91 90 83





: D:\SYSTEM8\08_01_12\838772.d File Name

Operator

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Sample Name Submitted by Vial Number 72

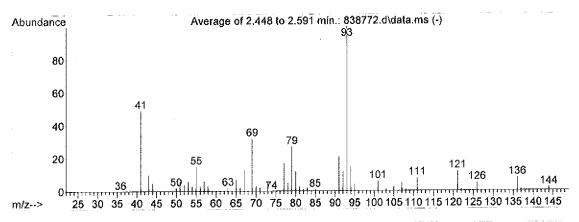
AcquisitionMeth: WSCREEN.M

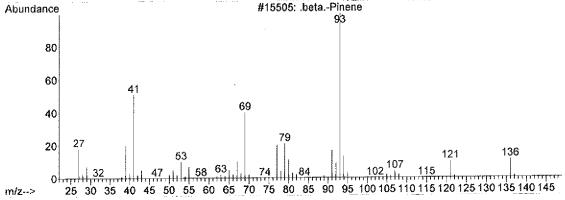
Integrator : RTE

Minimum Quality: 80 C:\Database\SLI.L Search Libraries: Minimum Quality: 10

C:\Database\NIST08.L

PK#	RT	Library/ID	CAS#	Qual
2	2.47	C:\Database\NIST08.L .betaPinene .betaPinene .betaPinene	000127-91-3 000127-91-3 000127-91-3	93 90 87





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Sample Name KAC Submitted by Vial Number

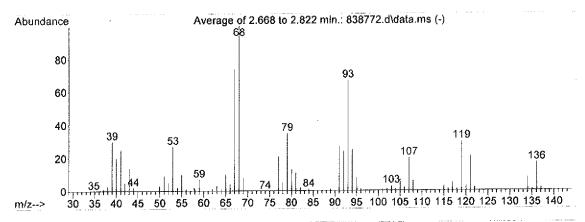
AcquisitionMeth: WSCREEN.M

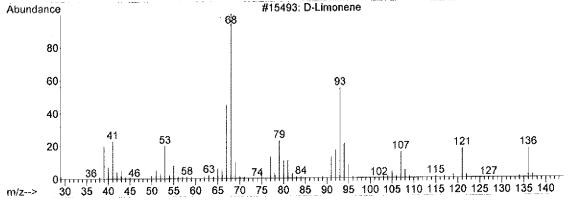
Integrator : RTE

Minimum Quality: 80 Search Libraries: C:\Database\SLI.L Minimum Quality: 10

C:\Database\NIST08.L

PK#	RT	Library/ID	CAS#	Qual
3	2.72	C:\Database\NIST08.L D-Limonene Limonene D-Limonene	005989-27-5 000138-86-3 005989-27-5	95 83 81





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Sample Name KAC Submitted by Vial Number

AcquisitionMeth: WSCREEN.M

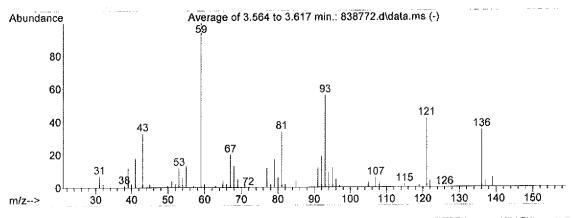
Integrator : RTE

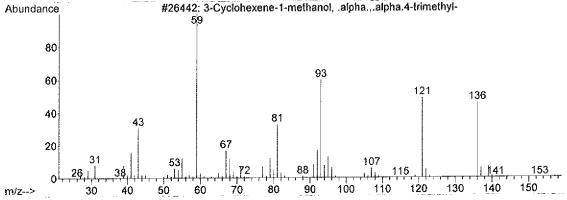
C:\Database\SLI.L Search Libraries:

C:\Database\NIST08.L

C:\Database\PMW_TOX2.L

PK#	RT	Library/ID		CAS#	Qual
4	3.59	C:\Database\NIST08.L 3-Cyclohexene-1-methanol, 3-Cyclohexene-1-methanol,	.alpha.,.	000098-55-5	86 86 47





Minimum Quality: 80

Minimum Quality: 10

File Name : D:\SYSTEM8\08_01_12\838772.d

Operator

Date Acquired : 2 Aug 2012 8:03

Sample Name Submitted by

: KAC : 72

Vial Number : 72 AcquisitionMeth: WSCREEN.M

Integrator : RTE

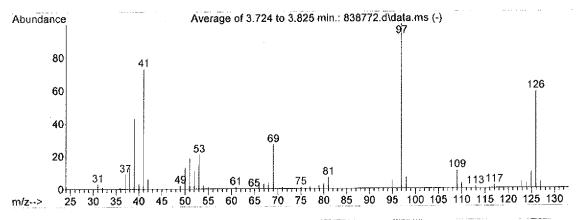
Search Libraries: C:\Database\SLI.L

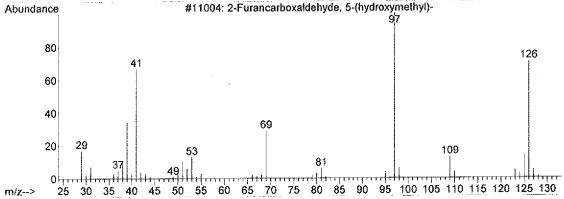
Minimum Quality: 80

C:\Database\NIST08.L

Minimum Quality: 10

PK#	RT	Library/ID		CAS#	Qual
5	3.74	C:\Database\NIST08.L			
		2-Furancarboxaldehyde,	5-(hydroxyme	000067-47-0	93
		2-Furancarboxaldehyde,	5-(hydroxyme	000067-47-0	81
		4-Fluorobenzyl alcohol		000459-56-3	38





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> KAC 72

Sample Name Submitted by Vial Number

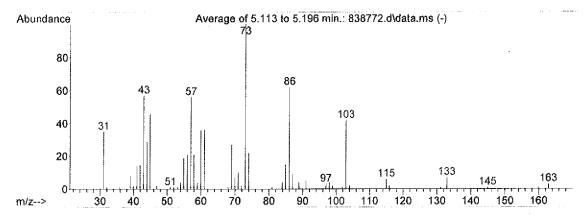
AcquisitionMeth: WSCREEN.M

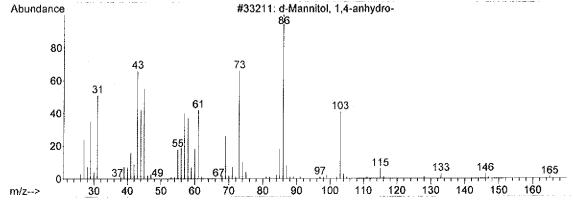
Integrator : RTE

C:\Database\SLI.L Minimum Quality: 80 Search Libraries: Minimum Quality: 10

C:\Database\NIST08.L

PK#	RT	Library/ID	CAS#	Qual
6	5.15	C:\Database\NIST08.L		
		d-Mannitol, 1,4-anhydro-	007726-97-8	64
		d-Mannitol, 1,4-anhydro-	007726-97-8	53
		D-Glucitol, 1,4-anhydro-	027299-12-3	42





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Sample Name Submitted by Vial Number

AcquisitionMeth: WSCREEN.M

Integrator : RTE

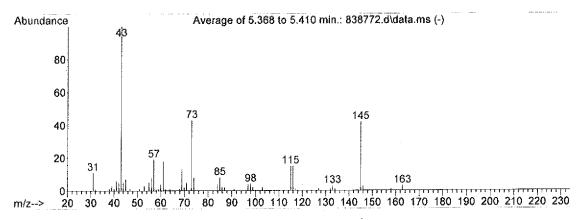
Minimum Quality: 80 C:\Database\SLI.L Search Libraries: Minimum Quality: 10

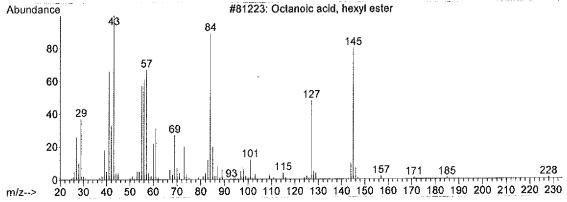
C:\Database\NIST08.L

C:\Database\PMW TOX2.L

PK#	RT	Library/ID	CAS#	Qual
7	5.39	C:\Database\NIST08.L Octanoic acid, hexyl ester 1-Butanamine, N-methyl-N-nitroso-	001117-55-1 007068-83-9	25 10

trans-5,6-Dimethyl-3,7,9-trioxabicy 031759-27-0





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Date Acquired 2 Aug 2012 8:03

KAC

Sample Name Submitted by Vial Number

72

AcquisitionMeth: WSCREEN.M Integrator : RTE

Search Libraries:

C:\Database\SLI.L Minimum Quality: 80 Minimum Quality: 10

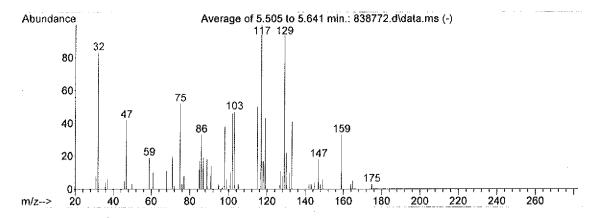
C:\Database\NIST08.L

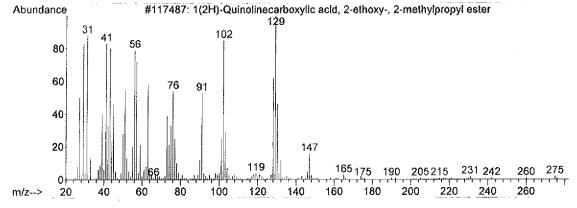
C:\Database\PMW_TOX2.L

PK# RTLibrary/ID CAS# Qual

8 5.53 C:\Database\NIST08.L

20 1(2H)-Quinolinecarboxylic acid, 2-e 038428-16-9 020651-73-4 11 Benzonitrile, 4-butyl-Phosphorochloridic acid, diethyl es 000814-49-3 10





: D:\SYSTEM8\08 01 12\838772.d File Name

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Sample Name Submitted by Vial Number

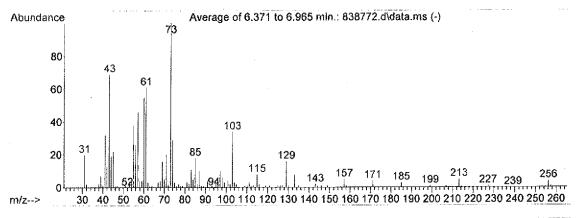
KAC 72 AcquisitionMeth: WSCREEN.M

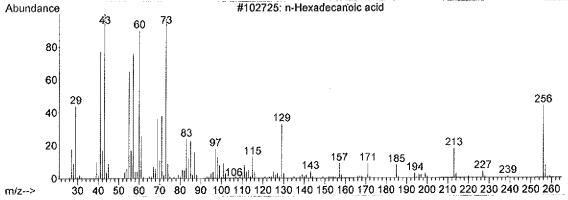
Integrator : RTE

Search Libraries: C:\Database\SLI.L

Minimum Quality: 80 Minimum Quality: 10 C:\Database\NIST08.L

PK#	RT	Library/ID	CAS#	Qual
9	6.71	C:\Database\NIST08.L		
		n-Hexadecanoic acid	000057-10-3	92
		n-Hexadecanoic acid	000057-10-3	83
		Tridecanoic acid	000638-53-9	49





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Date Acquired : 2 Aug 2012 8:03

Sample Name : Submitted by : KAC Vial Number : 72

Vial Number : 72 AcquisitionMeth: WSCREEN.M

Integrator : RTE

Search Libraries: C:\Database\SLI.L

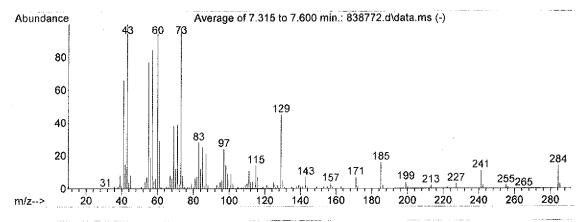
C:\Database\NIST08.L

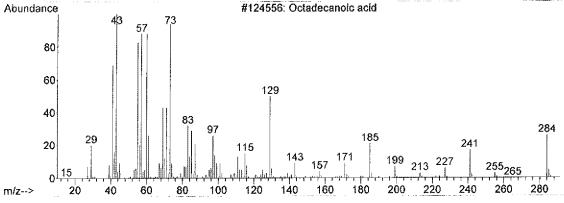
C:\Database\PMW_TOX2.L

Minimum Quality: 80

Minimum Quality: 10

PK#	RT	Library/ID	CAS#	Qual
10	7.36	C:\Database\NIST08.L Octadecanoic acid Octadecanoic acid Octadecanoic acid	000057-11-4 000057-11-4 000057-11-4	99 97 96





File Name : D:\SYSTEM8\08_01_12\838772.d

Operator

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Sample Name Submitted by : KAC Vial Number 72

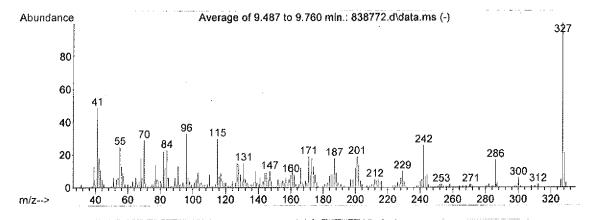
AcquisitionMeth: WSCREEN.M

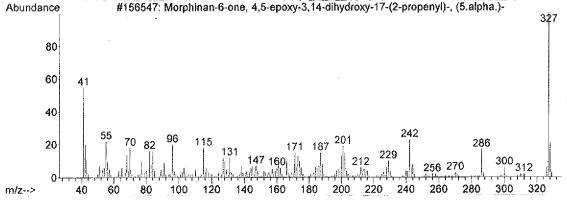
: RTE Integrator

Search Libraries: C:\Database\SLI.L

Minimum Quality: 80 Minimum Quality: 10 C:\Database\NIST08.L

PK#	RT	Library/ID	CAS#	Qual
 11	9.56	C:\Database\NIST08.L		
		Morphinan-6-one, 4,5-epoxy-3,14-dih	000465-65-6	99
		Morphinan-6-one, 4,5-epoxy-3,14-dih	000465-65-6	99
		Morphinan-6-one, 4.5-epoxy-3.14-dih	000465-65-6	96





File Name : D:\SYSTEM8\08_01_12\838772.d

Operator

Date Acquired : 2 Aug 2012 8:03

Sample Name : Submitted by : KAC Vial Number : 72

AcquisitionMeth: WSCREEN.M

Integrator : RTE

Search Libraries: C:\Database\SLI.L

Minimum Quality: 80

C:\Database\NIST08.L

Minimum Quality: 10

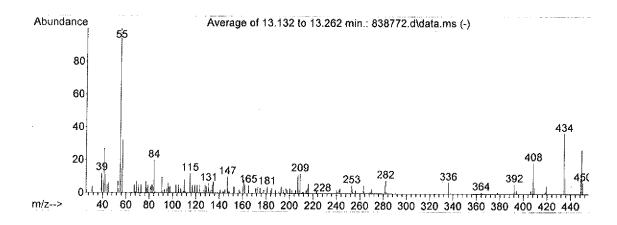
C:\Database\PMW_TOX2.L

PK# RT Library/ID

CAS#

Qual

No Hits Found



File Name : D:\SYSTEM8\08_01_12\838772.d

Operator

Date Acquired 2 Aug 2012 8:03

Sample Name Submitted by Vial Number 72

AcquisitionMeth: WSCREEN.M

Integrator : RTE

Search Libraries: C:\Database\SLI.L

Minimum Quality: 80 C:\Database\NIST08.L Minimum Quality: 10

PK#	RT	Library/ID		CAS#	Qual
13	16.22	. (
		6,14-Ethenomorphinan-7-methanol,			99
		6,14-Ethenomorphinan-7-methanol,	17	052485-79-7	99
		6,14-Ethenomorphinan-7-methanol,	17	052485-79-7	96

